

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) with (adaptive adj polling) with (email or sms or message or data) with (storage or memory or database or data adj store) with (rate or interval or periodic\$4 or intermittent\$2) with (authoriz\$5 or authenticat\$3 or usage or history) with (roam\$3 or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:51
L2	2	(wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and (adaptive adj polling) and (email or sms or message or data) and (storage or memory or database or data adj store) and (rate or interval or periodic\$4 or intermittent\$2) and (authoriz\$5 or authenticat\$3 or usage or history) and (roam\$3 or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:52
L3	1592	(wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and (poll\$3) and (email or sms or message or data) and (storage or memory or database or data adj store) and (rate or interval or periodic\$4 or intermittent\$2) and (authoriz\$5 or authenticat\$3 or usage or history) and (roam\$3 or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:52
L4	611	(wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and (poll\$3) and (email or sms or message or data) and (storage or memory or database or data adj store) and (poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) and (authoriz\$5 or authenticat\$3 or usage or history) and (roam\$3 or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:53

## EAST Search History

L5	15	(wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and (polling adj (engine or module or server or database)) and (email or sms or message or data) and (storage or memory or database or data adj store) and (poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) and (authoriz\$5 or authenticat\$3 or usage or history) and (roam\$3 or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:55
L6	13	5 not 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:54
L7	9	(wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and (polling adj (engine or module or server or database)) and (poll\$3 with (email or sms or message or data)) and (storage or memory or database or data adj store) and (poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) and (authoriz\$5 or authenticat\$3 or usage or history) and (roam\$3 or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:56
L8	0	7 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:55
L9	2	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and (polling adj (engine or module or server or database)) and (poll\$3 with (email or sms or message or data)) and (storage or memory or database or data adj store) and (poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) and (authoriz\$5 or authenticat\$3 or usage or history) and (roam\$3 or coverage adj area)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:57

## EAST Search History

L10	2	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((polling adj (engine or module or server or database)) or adaptive adj polling) and (poll\$3 with (email or sms or message or data)) and (storage or memory or database or data adj store) and (poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) and (authoriz\$5 or authenticat\$3 or usage or history) and (roam\$3 or coverage adj area)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:58
L11	0	(wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((polling adj (engine or module or server or database)) or adaptive adj polling) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store) with (poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history) with (roam\$3 or coverage adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:59
L12	0	(wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((polling adj (engine or module or server or database)) or adaptive adj polling) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history) with (roam\$3 or coverage adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:00
L13	0	(wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((polling adj (engine or module or server or database)) or adaptive adj polling) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history) with (roam\$3 or coverage adj area or outside))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:00

## EAST Search History

L14	0	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((polling adj (engine or module or server or database)) or adaptive adj polling) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history) with (roam\$3 or coverage adj area or outside))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:02
L15	0	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history) with (roam\$3 or coverage adj area or outside)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:03
L16	0	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history) with (roam\$3 or coverage adj area or outside))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:14
L17	0	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history or negative adj polling or positive adj polling) with (roam\$3 or coverage adj area or outside))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:03

## EAST Search History

L18	0	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history or negative adj polling or positive adj polling) with (roam\$3 or coverage adj area or outside)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:07
L19	4	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (roam\$3 or coverage adj area or outside)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:06
L20	4	19 not 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:05
L21	0	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (roam\$3 or coverage adj area or outside))) and adaptive adj polling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:07
L22	34	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history or negative adj polling or positive adj polling) ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:07

## EAST Search History

L23	32	22 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:07
L24	9	23 and adaptive adj polling	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:07
L25	3	24 and (roam\$3 or coverage adj area or outside)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:09
L26	6	24 not 25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:09
L27	23	23 not 24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:10
L28	0	((wireless or cellular or mobile or radio adj frequency or rf or radiotelephone or ms) and ((poll\$3 with (email or sms or message or data)) with (storage or memory or database or data adj store)) and ((poll\$3 with (rate or interval or periodic\$4 or intermittent\$2)) with (authoriz\$5 or authenticat\$3 or usage or history) with (roam\$3 or coverage adj area or outside))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 18:14
S1	8	"5970063"	USPAT	OR	OFF	2007/01/09 14:59
S2	1	("5970063").PN.	USPAT	OR	OFF	2007/01/09 15:17

## EAST Search History

S3	0	(data or message\$1) with (storage or database) with (poll\$3) with (authoriz\$5 or authenticat\$3) and (login or password) and (roaming or coverage adj area) and requests	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:19
S4	0	(data or message\$1) with (storage or database) with (poll\$3) with (authoriz\$5 or authenticat\$3) and (login or password) and (roaming or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:19
S5	9	(data or message\$1) with (poll\$3) with (authoriz\$5 or authenticat\$3) and (login or password) and (roaming or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:34
S6	0	(data or message\$1) with (stored or storage or memory) with (poll\$3) with (authoriz\$5 or authenticat\$3) and (login or password) and (roaming or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:22
S7	18	((data or message\$1) with (stored or storage or memory) with (poll\$3)) and (authoriz\$5 or authenticat\$3) and (login or password) and (roaming or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:35
S8	17	S7 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:27
S9	16	((("6049549") or ("6067561") or ("6615161") or ("4466001") or ("5570367") or ("5566351") or ("6173323") or ("20020039369") or ("5802292") or ("5995503") or ("6070191") or ("6421732") or ("20020112007") or ("6449114") or ("20020174194") or ("6549937") or ("6557026") or ("6560222") or ("6615212"))).PN.	USPAT	OR	OFF	2007/01/09 15:28

## EAST Search History

S10	2	adaptive adj polling and (email or message\$1 or data) and ((authoriz\$5 or authenticat\$3) with (login or password or id or identification or invalid) with (roaming or coverage adj area or availability or available or unavailable)) and (rate with polling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:38
S11	9	adaptive adj polling and (email or message\$1 or data) and ((authoriz\$5 or authenticat\$3) with (login or password or id or identification or invalid or roaming or coverage adj area or availability or available or unavailable)) and (rate with polling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:40
S12	7	S11 not S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:39
S13	14	adaptive adj polling and (email or message\$1 or data) and (authoriz\$5 or authenticat\$3) and (rate with polling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:43
S14	5	S13 not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:40
S15	43	adaptive adj polling and (email or message\$1 or data) and (rate with polling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:52
S16	29	S15 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:44



## EAST Search History

S17	71	adaptive adj polling and (email or message\$1 or data) and ((rate or interval) with polling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:33
S18	28	S17 not S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:52
S19	28	S18 not S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:57
S20	1	("6654746").PN.	USPAT	OR	OFF	2007/01/09 15:57
S21	749	(polling with (engine or module or server)) and (email or message\$1 or data) and ((rate or interval) with polling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:34
S22	591	(polling with (engine or module or server)) and (email or message\$1 or data) and ((rate or interval) with polling) and (message\$ or email)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:33
S23	14	S22 and (authoriz\$5 or authenticat\$3) with (login or password or id or identification or registration) and (roaming or coverage adj area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:36
S24	372	S22 and (authoriz\$5 or authenticat\$3 or registration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:36

## EAST Search History

S25	38	S24 and polling.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:36
S26	31	S25 not (S13 or S17 or S15)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:37
S27	1193	((poll\$3 with (engine or module or server)) or adaptive adj polling) and (email or message\$1 or data) and ((rate or interval) with poll\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 17:01
S28	245	((poll\$3 with (engine or module or server)) or adaptive adj polling) with (email or message\$1 or data) with ((rate or interval) with poll\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:36
S29	1	S28 and ((rate or interval) with poll\$3 with (roam\$3 or outside or coverage adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:38
S30	2	S28 and (poll\$3 with (roam\$3 or coverage adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:38
S31	6	S27 and ((rate or interval) with poll\$3 with (roam\$3 or coverage adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 17:01

## EAST Search History

S32	6	S31 not S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:39
S33	11	S27 and ( poll\$3 with (roam\$3 or coverage adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:47
S34	3	S33 not (S30 or S31)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:47
S35	0	S34 and (inactiv\$3 with (roam\$3 or outside))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:47
S36	74	S27 and ( poll\$3 with (roam\$3 or coverage adj area or outside))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:47
S37	11	S27 and ((rate or interval) with poll\$3 with (outside))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:54
S38	11	S37 not S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:48
S39	12	"5970063" "20030140092" "20040153537"	US-PGPUB; USPAT	OR	OFF	2007/06/12 16:53

## EAST Search History

S40	0	S39 and ((rate or interval) with poll\$3 with (outside or roam\$3 or coverage adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:54
S41	0	S39 and (poll\$3 with (outside or roam\$3 or coverage adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/12 16:54
S42	1739	((poll\$3 with (engine or module or server)) or adaptive adj polling) and (email or message\$1 or data) and ((rate or interval) with poll\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:01
S43	6	S42 and ((rate or interval) with poll\$3 with (roam\$3 or coverage adj area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:02
S44	0	S43 not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:02
S45	30	S42 and ((rate or interval) with poll\$3 with (roam\$3 or coverage adj area or outside))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:03
S46	19	S45 not S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:02

## EAST Search History

S47	78	S42 and (poll\$3 with (roam\$3 or coverage adj area or outside))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:47
S48	13	S42 and (poll\$3 with (roam\$3 or coverage adj area ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:04
S49	7	S48 not S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/12 17:04